

A

METEOROLOGICAL JOURNAL

OF THE YEAR 1793,

KEPT IN LONDON,

BY WILLIAM BENT.

TO WHICH ARE ADDED,


OBSERVATIONS ON THE DISEASES

OF EACH MONTH

IN THE CITY AND SUBURBS.

L O N D O N.

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E X P L A N A T I O N.

THE Journal is kept on the south side, and near the middle of Pater noster row, which is 51 feet higher than the bed of the river Thames. The instruments used are, a perpendicular Barometer with an open cistern, two Fahrenheit's Thermometers, and a De Luc's Hygrometer; the latter being a new-invented instrument, it may be necessary to mention that the point of extreme dryness is 0, and that of extreme moisture 100. The Journal of each month is divided into nine columns, which contain as follow:

1. The Day of the month, with the letter N or F affixed to that on which the moon is new or full.
2. The Hour of observation, morning and afternoon.
3. The height of the Barometer, in inches and 100 parts: it is placed in a room on the ground floor.
4. The degrees of the Thermometer out of door, facing the north*.
5. The degrees of the Thermometer in the house, placed in a passage at the bottom of a staircase, where there is no fire-place.
6. The degrees of the Hygrometer, which is placed close to an outward door constantly open in the daytime.
7. The degrees of Cloudiness; the sun being frequently obscured with 3, and seldom visible with 4; but when *b* is inserted, the atmosphere is so hazy above, and when *f*, so foggy below, that no distinction of clouds is perceptible.
8. The point and force of the Wind; 3 being rather brisk, and 4 blowing strong.
9. Further observations and intermediate alterations of the Weather; in which the period [.] and colon [:] are used to denote a space of time between any change, the latter being a distinction for midday and midnight.

The Medical Observations are communicated by a Friend.

* This instrument appears to be about 5 degrees higher in the greatest cold of winter and heat of summer, than a similar instrument at a village six miles west from London; but this is only to be considered of transient cold or heat, for on a continuance of either the variation is trifling. The difference may be caused by the multitude and closeness of buildings in the city, which prevents a free circulation of air, by the great number of fires in the houses in winter, and by reflection of the sun's heat from so many brick walls in summer.

METEOROLOGICAL JOURNAL, January 1793.

D.	H.	Baro.	T.out	T.in	Hyg.	C.	Wind.	Weather, &c.
1	8	29,87	35,5	43	51,5	f	SSW 1	rain
	2	29,81	38,5	42	50	f	S 1	little wet at times: rain
2	8	29,81	35,5	46	51,5	f	S 1	little rain
	2	29,81	39	47	50	f	N 1	
3	8	29,95	32	43,5	50	f	N 1	very foggy
	2	29,93	33,5	44,5	50,5	f	N 1	very foggy. less fog at eve
4	8	30,14	34,5	44,5	53	5	E 1	
	2	29,79	36,5	43,5	50	4	E 1	fine eve
5	8	29,82	37,5	42	50	4	SSE 1	chiefly gentle rain
	2	29,68	40,5	44	53,5	5	S 1	little rain. fine night
6	3	29,98	36	44	50	4	W 1	fine
	2	30,08	40	45,5	49,5	2	WNW 2	
7	8	30,23	33,5	42	50	f	W 1	chiefly drizzling
	2	30,12	40	46	54	5	SSE 1	little rain: much rain
8	8	29,74	45,5	48	59	5	SW 2	fine and wind NW
	2	29,91	45	50	50,5	3	NW 3	less wind
9	8	30,15	34	46	50	f	WNW 1	very foggy: less fog
	2	30,17	38,5	47	50,5	3	W 1	hazy
10	8	29,86	41,5	47	58	5	SSW 1	little rain at times
	2	29,73	49	49	57	5	S 1	little wet at times. fine night
11	8	29,60	45	47	56	3	SSW 2	cloudy
	2	29,52	47	51,5	53	5	S 3	chiefly rain and more wind
12	8	29,01	44	48	54	5	S 4	rain at times. fine
N	2	29,16	43,5	49,5	50	4	W 3	clear night
13	8	29,37	37,5	47,5	52,5	2	SW 1	
	2	29,37	45	49,5	50	3	S 1	cloudy and little rain
14	8	29,59	39,5	46,5	60	5	NE 2	little rain
	2	29,62	43	46	55,5	5	NNE 1	fine eve
15	8	30,10	36,5	45	54,5	5	NNE 2	
	2	30,12	40	47	53	5	NE 2	little wet
16	8	29,86	35	44	55	5	NNE 1	
	2	29,93	36,5	43,5	50,5	5	NE 2	
17	8	30,26	38	44	55	5	N 2	little rain. less cloudy
	2	30,33	37,5	44,5	51	4	NE 2	
18	8	30,51	34,5	42	50,5	4	E 2	fine
	2	30,52	36	43	50	2	ENE 2	
19	8	30,55	29	40,5	52,5	2	NE 1	
	2	30,52	33,5	42	51	2	NNE 1	cloudy night
20	8	30,52	36	42	54,5	h	WNW 1	
	2	30,52	35	43	50,5	h	W 1	
21	8	30,53	32	42	49	f	W 1	
	2	30,51	35	44,5	50	f	W 1	moonlight but very hazy
22	8	30,53	37	44,5	51	f	W 1	
	2	30,54	40,5	45	49,5	h	W 1	
23	8	30,52	35	43,5	51	f	W 1	
	2	30,47	37	44,5	50	5	SW 2	
24	8	30,26	40,5	46	51	f	SW 1	much gentle rain
	2	30,21	43	47,5	53	f	SW 1	continual rain
25	8	30,05	41	47	59,5	5	NE 1	drizzling. fair
	2	30,12	42,5	47,5	53,5	4	NE 1	foggy. fine night
26	8	30,26	32,5	44	59	f	NE 1	fine
	2	30,26	37	45	50,5	3	SSE 2	
27	8	30,46	34	44	50	h	S 2	
F	2	30,42	40	45,5	49	h	WSW 1	fine eve. foggy
28	8	30,22	39,5	45,5	55	f	WSW 1	fine
	2	30,20	45	47	51	1	W 2	cloudy
29	8	30,03	41,5	45	58,5	5	WSW 1	
	2	29,96	47	49	57	5	SW 2	fine
30	8	29,87	40,5	48,5	51	h	WNW 1	fine
	2	29,87	44	49	49	3	WSW 2	
31	8	29,92	37	46,5	50,5	2	W 1	hazy: cloudy
	2	29,92	45	49	50	5	WSW 1	little wet at night

OBSERVATIONS *on the* DISEASES *in* January 1793.

FROM the uncommon mildness of the winter, coughs, asthmas, rheumatisms, and those other complaints which are usual at an advanced period of life, have been very moderate, and a much smaller number than usual of old people died; pulmonic complaints likewise have been mild, but fevers of a putrid tendency prevailed, and proved rather fatal; all the diseases which occurred in the early part of January had that tendency. Smallpox likewise and measles (which at this season of the year used to lay dormant) were frequent, but in general mild, particularly the latter. Scarlet fever appeared here and there, but in general mild, and with no particular symptoms. Toward the end of the month, a catarrh became so frequent as to merit the distinction of an epidemic—the throat and fauces were in general slightly inflamed, which in most cases seemed to be continued to the bronchiæ, and was accompanied with straitness and tightness of the chest; hoarseness was a constant symptom, and in general there was a dry troublesome cough, accompanied with considerable heat of the skin; the pulse were frequent but not strong; an expectoration in general took place in two or three days, the skin became moist, the urine deposited a sediment, and the disease gradually disappeared. It was necessary in the cure of this disease, to use the lancet with caution, on account of the general tendency of diseases at this period, though the blood when drawn was in general fizy and inflamed; the antiphlogistic plan with squills, and the application of blisters to the chest and fauces, in general relieved, though the patients mended but slowly. It rarely proved fatal.

METEOROLOGICAL JOURNAL, February 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	8	29,54	43	47	55	5	S 2	. little wet
2	2	29,41	45,5	49,5	50,5	5	S 2	. fine
2	8	29,63	37,5	47	51	1	SSW 1	. hazv. cloudy. little rain
2	2	29,58	45	49	52	4	SSW 3	. more wind and much gentle rain
3	8	29,40	44	49	54,5	4	SSW 2	. wind and rain : fine
2	2	29,40	44,5	49,5	51	3	S 3	. clear night and lets wind
4	8	29,37	41	48	52	1	SSW 1	. foggy. fine
2	2	29,34	44	49	50	2	SSW 2	
5	8	29,41	34,5	47,5	55	f	SSW 0	. little wet. fine
2	2	29,54	43,5	49	51,5	2	NW 2	. little rain
6	8	29,62	40,5	49	53,5	5	WSW 1	. gentle rain. lets cloudy
2	2	29,67	46	50,5	49	h	NW 1	. much rain at night
7	8	29,54	37	46	51	h	WNW 1	. fine
2	2	29,75	41,5	47,5	47	1	NW 1	. cloudy
8	8	29,85	39	45,5	51	5	SW 2	. little wet. showers : fine
2	2	29,63	42,5	47,5	50,5	3	WSW 2	. stormy shower
9	8	29,83	40,5	47,5	51	3	NW 2	
2	2	29,83	46	49,5	50	4	WSW 1	. heavy shower. clear night
10	8	29,59	37	47,5	48	1	WSW 2	. more wind : hail storm
N	2	29,66	39,5	43,5	47	4	W 4	. showers : fine
11	8	29,65	38,5	46	49,5	1	WNW 3	
2	2	29,83	43	47,5	47,5	4	WNW 2	. drizzling night : fair
12	8	29,57	45,5	48	49,5	4	W 2	. more wind
2	2	29,64	49	49	47	4	W 4	. fine and lets wind
13	8	29,97	40	47	51	f	WSW 1	. little wet
2	2	29,92	50	50	53	4	WSW 1	. more cloudy and little rain
14	8	29,71	43	50,5	55	5	S 2	. little rain : fine
2	2	29,81	45	50,5	49	3	W 1	. clear night : much rain
15	8	29,73	40	48,5	51	f	WSW 1	. little rain
2	2	29,75	43,5	49	49	5	S 1	
16	8	29,85	39,5	49	50	4	N 1	. hazy. fine
2	2	29,92	42	47	51	2	NNE 1	
17	8	30,12	36	44,5	51	f	N 1	
2	2	30,06	41,5	45,5	50,5	h	NE 1	
18	8	29,82	38	47,5	51	3	SW 1	. much gentle rain
2	2	29,82	43,5	52	50,5	h	WSW 1	. fine. clear night
19	8	30,07	34,5	46	50	f	NW 1	. fine
2	2	30,11	43,5	48	47,5	2	NW 1	. foggy eve
20	8	30,22	34,5	44,5	51	2	NW 1	. foggy
2	2	30,19	44	47,5	48	1	WSW 1	. hazy night
21	8	30,13	38	46	51	2	S 1	. foggy
2	2	30,14	35	48	48	2	SSW 1	
22	8	30,23	32	43	50,5	f	S 1	. fine
2	2	30,25	44,5	46	47,5	2	SSW 1	
23	8	30,21	45,5	47,5	54	4	WSW 1	. foggy
2	2	30,22	50,5	50,5	51	5	WSW 1	. gentle rain. windy night
24	8	30,22	49	51,5	54,5	3	W 1	. foggy
2	2	30,25	52,5	53	50	3	W 1	. cloudy eve
25	8	29,99	40,5	53	55,5	5	SSW 2	
F	2	29,89	48	52,5	52	5	SSW 3	. little wet : more wind and rain, fine
26	8	29,97	42	51,5	49,5	2	WNW 3	
2	2	30,11	42,5	52,5	43,5	2	W 3	. cloudy
27	8	30,04	44,5	47,5	50	5	SSW 1	
2	2	30,00	49	51,5	47	4	SSW 2	
28	8	29,92	43,5	49,5	50,5	h	SSW 1	. drizzling : fine
2	2	30,02	47	52	47	3	W 1	

OBSERVATIONS *on the* DISEASES *in* February 1793,

THE catarrhal fever, which commenced the latter part of last month, continued to increase till about the middle of this; when it began to decline. It still however continued, though more rare, and the symptoms were uniformly the same as before; children (especially those under six years of age) were the most frequent objects of this disease, and though those of a more adult age did not escape it, yet it rarely attacked any of a more advanced one. The scarlet fever, in a mild form, still prevailed, as did the smallpox and measles; the latter became remarkably frequent, with all the symptoms unusually mild, the cough (which is in general a very distressing symptom) moderate, and the peripneumonic symptom, with the general affection of the lungs, so moderate as scarcely in any instance to require bleeding.

METEOROLOGICAL JOURNAL, March 1793.

D.	H.	Baro.	P. out	T. in	H. g.	C.	Wind.	Weather, &c.
1	7	29,77	43	47,5	50,5	3	SW 3	. rain and more wind
2	2	29,56	46	50	53,5	5	SW 3	. little rain. fine night: shower of hail and
2	7	29,72	42,5	50,5	50,5	2	W 2	: cloudy [rain
2	2	29,73	50	51,5	50,5	5	SW 3	. little rain. stormy night: less wind
3	7	29,65	42	51	49	1	WSW 4	.
2	2	29,80	47,5	51	43	3	W 4	. less wind. clear night
4	7	29,92	36,5	48,5	46	1	W 1	.
2	2	29,92	45,5	51	43	3	W 1	. clear night
5	7	29,80	35	47,5	49,5	2	W 1	. hazy. wind SSE: cloudy
2	2	29,78	46	49,5	49,5	5	SSE 1	. wind E. little rain at night
6	7	29,93	41,5	49	53	3	ENE 1	.
2	2	29,99	48	51	50,5	3	NNE 2	. clear night
7	7	30,07	36,5	48,5	50,5	0	N 1	. hazy
2	2	30,09	44	50	49	3	ENE 1	. more wind. cloudy night
8	7	30,23	38	46,5	48,5	5	E 2	. fine
2	2	30,23	42,5	48,5	43,5	0	E 3	. less wind: cloudy
9	7	30,17	37	47	49	4	NE 1	. fine
2	2	30,07	42	46	46	2	E 2	.
10	7	29,99	36,5	45	49	3	E 2	.
2	2	29,92	40,5	46	45	3	E 2	. hazy. more wind: cloudy
11	7	29,76	38	43	49,5	5	E 3	.
2	2	29,76	39	44	48	5	ENE 3	.
12	7	29,90	34,5	42,5	45,5	4	E 2	. fine
N	2	29,92	36,5	43,5	46,5	1	E 3	. less wind. cloudy night: rain
13	7	29,82	46	44,5	62	5	SSW 1	. more wind: little rain
2	2	29,99	42,5	49,5	57	5	SSW 3	. less cloudy. less wind
14	7	30,17	45,5	49,5	52,5	5	S 1	. fine
2	2	30,17	52,5	52	46	3	SW 1	. cloudless eve but hazy
15	7	30,17	39	50,5	50,5	1	SW 0	. very foggy. fine
2	2	30,07	50,5	51,5	45,5	1	SW 1	. thick upward
16	7	29,91	44	51,5	50	4	SW 1	. fine. more wind S and cloudy
2	2	29,68	50	51,5	45	5	S 3	. less wind and much rain: fine
17	7	29,61	36	48,5	49	1	W 1	.
2	2	29,43	45,5	50	50	4	E 2	. much rain at night
18	7	29,09	46	51	53,5	5	SSE 1	. fine: cloudy
2	2	29,25	40,5	52	49	4	S 1	. gentle rain. less cloudy night
19	7	29,72	38,5	48	49,5	4	W 1	. little rain. chiefly fine
2	2	29,82	49	51	47,5	3	W 1	. strong halo round the moon: cloudy
20	7	29,86	46	51	51,5	4	WSW 1	. hazy
2	2	29,86	53,5	54	49	4	SSW 1	. hazy. little wet at night
21	7	29,86	48,5	55	51	5	SSW 1	. drizzling. rain
2	2	29,96	48	55	49,5	5	WSW 1	. little rain. fine: cloudy
22	7	29,77	42,5	52	50	5	S 2	. much gentle rain
2	2	29,63	45,5	51	51	5	S 2	. gentle rain. showers and fine
23	7	29,83	38	50,5	48	2	W 1	. hazy
2	2	29,82	46,5	51	46,5	3	SW 1	.
24	7	29,90	37	48,5	49,5	0	NE 1	. cloudy. gentle rain
2	2	29,91	43	49	49	5	NNE 1	. much gentle rain
25	7	29,99	41,5	49	52,5	5	ENE 1	. little wet
2	2	30,04	45,5	49	51,5	5	NE 2	. more wind: little snow and rain
26	7	29,99	39	49	51,5	6	NNE 3	. snow and rain. fair
2	2	29,95	41	46,5	53	5	NNE 2	.
27	7	30,04	35,5	45	46	4	NE 2	.
F	2	30,00	40,5	46,5	45	4	ENE 2	: little snow
28	7	29,78	34,5	44	47,5	5	NNE 1	. little snow. fine with little snow at times
2	2	29,76	42,5	46	42,5	3	E 2	. clear night
29	7	29,87	32	42	47,5	4	NNE 2	. less cloudy but hazy
2	2	29,87	43,5	46,5	42	2	NE 2	. hazy. Thermometer 32 at night
30	7	30,00	33	44,5	47,5	1	NE 1	. hazy
2	2	30,03	45,5	47	41,5	2	N 1	. hazy
31	7	30,12	34	45,5	48	1	N 1	. hazy
2	2	29,98	42,5	47	41,5	2	N 1	. hazy. wind W. foggy night. cloudy: little

OBSERVATIONS *on the* DISEASES in March 1793.

THE change which took place in the state of the atmosphere in the early part of this month, produced a very material alteration in the prevailing diseases; the weather continued mild till the sixth, when the wind changed to the northeast, it then continued either to the eastward or northward till the 13th (the day after the new moon) when it suddenly changed to the south southwest, and the thermometer rose ten degrees; it remained either to the southward or westward till the 24th, when on its change the thermometer sunk nine degrees, and it continued to the northward or eastward to the end of the month.

These changes must naturally affect the human frame, and in consequence of the accession of cold, which commenced on the sixth, persons afflicted with the measles, which were before unusually mild, began to suffer severe peripneumonic symptoms, and it consequently proved more fatal; glandular enlargements were likewise frequent from the application of cold to the surface of the body; but the most prevailing disease was a sore throat, occasioned by small apthous ulcerations, evidently arising from increased secretions of an acrid nature in the *primæ viæ*; it was easily cured by the use of gentle laxatives and absorbents. The smallpox was much less frequent; but regular intermittents occurred very frequently; they were almost constantly attended with large secretions of acrid bile, which it was necessary to remove by emetics and mercurial purgatives; after which the disease readily yielded to the Peruvian bark in moderate doses, frequently repeated,

METEOROLOGICAL JOURNAL, April 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,80	38,5	46,5	46,5	5	SSE 1	continual gentle rain with little snow
	2	29,67	40	46	52,5	5	SE 2	rain. fine eve. cloudy : snow
2	7	29,57	36,5	45,5	52	5	NNE 1	snow. wind W and fine
	2	29,74	41	46,5	49	5	W 2	: fine
3	7	29,92	36,5	45,5	51,5	1	W 0	
	2	29,96	48,5	49	47	3	WSW 1	. cloudless night but hazy
4	7	30,05	40	45,5	56	3	S 0	foggy
	2	30,03	50	50	47	3	N 1	
5	7	30,03	42	48	52,5	4	N 1	. fine
	2	30,02	55	52,5	46	2	N 1	. hazy eye
6	7	30,09	41,5	48	53	h	NE 1	. fine
	2	30,09	48,5	52,5	51	1	NNE 1	
7	7	30,19	39,5	50	50	1	ENE 1	
	2	30,23	52	53	45	2	E 1	
8	7	30,32	39,5	49,5	49	1	E 1	
	2	30,32	51	52	40	1	E 2	
9	7	30,28	38	48,5	50	1	NE 2	
	2	30,25	50	50	39,5	2	NE 2	
10	7	30,21	34,5	46	48	1	N 1	. cloudy and wind NE
N	2	30,18	48	50	50	5	NNE 2	. fine. clear night
11	7	30,08	36	46,5	46	1	N 1	hazy. cloudy and little snow
	2	30,00	45	50	48	4	NNW 1	hazy. little hail and rain
12	7	29,90	39,5	47	49	4	N 1	hazy. wind NE and much gentle rain
	2	29,90	45,5	49	47,5	5	NE 1	hazy. clear night
13	7	29,76	36,5	46	49	1	NNE 1	hazy
	2	29,71	51	50	42,5	3	NNE 1	. cloudy night
14	7	29,77	44,5	50	48	5	E 1	hazy. lefs cloudy
	2	29,84	47	50,5	44	4	N 1	hazy
15	7	29,93	33	44	45	4	W 1	hazy. fine : cloudy
	2	29,82	51	50,5	42,5	5	W 1	. little rain at times
16	7	29,66	38	48	47	5	NNW 2	. little snow. fine : shower of snow
	2	29,80	44,5	51	37	3	NNW 3	. lefs wind and clear night
17	7	30,09	34,5	46	45	2	W 1	hazy : cloudy. little rain
	2	30,03	41,5	48	45	5	SSW 2	much rain
18	7	29,29	48,5	49	57	h	W 1	: fine. shower
	2	29,26	52	52	51	3	W 1	hazy. little rain at night
19	7	29,59	41	50	49	4	N 1	. showers of rain hail and snow
	2	29,87	42	51	47,5	3	N 1	. showers of snow and hail. fine eve
20	7	30,22	36	46	48	1	WNW 1	hazy
	2	30,23	46	49	43	3	NNW 1	very hazy. fine. cloudy night
21	7	30,19	43	48	46	4	S 1	. fine
	2	30,15	54	53	42	1	S 2	
22	7	30,23	43	49,5	47	2	SE 1	hazy
	2	30,17	54,5	52	37	2	SE 2	
23	7	29,91	43,5	50	49	1	E 1	hazy
	2	29,80	58,5	55	39	3	SE 1	. hazy eve
24	7	29,73	47,5	53	48	4	E 1	
	2	29,73	58,5	56	44	3	E 1	. cloudy night : rain
25	7	29,79	45,5	54	50	5	N 1	. chiefly cloudy
	2	29,81	51	55	45	5	N 1	. chiefly cloudy
26	7	29,87	46	54	48,5	5	NW 1	: fine
F	2	29,79	55	55	43	3	SW 1	. more wind S
27	7	29,69	47,5	52,5	49,5	4	ESE 1	hazy. more cloudy
	2	29,68	55	56	45,5	4	E 2	
28	7	29,78	45,5	53	47	5	NNE 1	hazy. lefs cloudy
	2	29,83	55	56	43,5	3	N 1	hazy
29	7	29,89	45	52,5	46,5	2	NE 1	hazy. more wind S and cloudy : little rain
	2	29,79	54	56	46,5	5	S 3	little rain. fine eve. clear night
30	7	29,81	47,5	54	49,5	1	SW 2	. cloudy : little rain
	2	29,72	56	57,5	49	5	SSW 2	much gentle rain. windy : fine

OBSERVATIONS *on the* DISEASES *in* April 1793.

THE diseases of this month were very little different from those of the last; rheumatism prevailed, and the smallpox increased in frequency, but were very mild. In the neighbouring villages, to the south and south-west, a malignant scarlet fever prevailed, and proved very fatal. There have been many cases of croup, which is in general a very rare disease, though it had indeed appeared last winter, and in the preceding autumn. This has most likely been owing to the large proportion of wet weather; and the observations of Dr. Home strengthen this opinion: he says, in his excellent treatise on this disease, that it occurred much more frequently in the neighbourhood of the sea, and in wet and marshy situations, than in any other. It is almost needless to observe, that in nearly every instance it proved fatal.

METEOROLOGICAL JOURNAL, May 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,29	50	55	50	4	SW 4	. little wet at times
	2	29,28	55	56,5	46,5	4	SW 3	. gentle rain at times
2	7	29,39	49	54	49,5	4	SW 2	. frequent showers
	2	29,50	53,5	56,5	49	4	SW 2	. hail and rain. showers
3	7	29,17	44	53,5	47	1	W 1	. hazy. more cloudy
	2	29,18	56	57	42	4	W 2	. little rain at times
4	7	29,32	44,5	54	50	3	W 1	. hazy : cloudy
	2	29,28	56	57	42,5	5	SW 1	. little rain
5	7	29,92	51	55	50	4	WSW 2	. little rain at times
	2	30,08	56,5	56,5	41,5	3	NW 2	
6	7	30,32	46,5	53	46	2	NNW 1	
	2	30,31	59	58	40	4	N 1	. more cloudy : little wet
7	7	30,19	47	55	47	5	N 1	. little rain at times
	2	30,17	53,5	56	47,5	4	NE 1	. little rain. wind E. fine
8	7	30,17	46,5	52	53	h	E 1	. little wet
	2	30,13	54	56	46,5	4	SSE 1	. little rain. wind S : rain
9	7	30,08	48	53,5	51	5	SSW 2	. little rain : fine
	2	30,13	58,5	58	45	3	W 2	. little wet at times
10	7	30,21	48	55	49	4	WSW 1	. small showers
N	2	30,18	58,5	56,5	46,5	4	S 1	. fine night
11	7	29,81	52,5	56	50	3	S 1	
	2	29,81	62	58,5	46	3	SE 1	. little rain. wind E
12	7	29,93	55	58,5	52	1	NE 1	. hazy
	2	29,96	69	63	47	3	NE 1	
13	7	29,94	63	56	52	h	NNE 1	. more wind and fine
	2	29,94	69	64,5	45	2	NNE 3	
14	7	30,14	52,5	57,5	45	1	N 2	
	2	30,19	62	61,5	39	2	N 3	. lefts wind
15	7	30,22	52,5	58,5	44,5	1	NW 1	. more cloudy
	2	30,21	61,5	62	43	4	NNW 2	. clear night
16	7	30,29	48,5	56	46	1	N 1	
	2	30,24	61	60	38	2	N 1	. cloudy. fine night : cloudy
17	7	30,12	55	59	50	5	NW 1	
	2	30,02	61,5	62	44,5	4	WNW 1	. much rain : fair
18	7	30,02	52,5	59,5	50	5	N 1	. fine. cloudy : little rain
	2	30,16	60	61	45	5	NNE 2	. little wet
19	7	30,09	47,5	52	45	5	N 1	. little wet
	2	30,08	48	54,5	44	4	N 2	. fine
20	7	30,13	46	55	47	1	N 1	
	2	30,13	58	58	40	2	N 1	
21	7	30,19	49	55	46,5	1	N 1	
	2	30,19	65,5	60,5	42	2	NNE 2	. cloudy night
22	7	30,26	48,5	56,5	45	5	NNE 1	. fine
	2	30,26	58,5	58,5	50	2	N 2	. cloudy eve
23	7	30,26	48,5	56	48	4	NNE 1	. fine
	2	30,24	64	60	40	3	NE 1	. hazy night
24	7	30,23	49,5	57	47	h	NNE 1	
	2	30,21	56	58,5	44	4	N 2	. fine
25	7	30,30	47	55	46	1	N 2	
F	2	30,30	60	58,5	37	2	N 1	. cloudy eve : fine
26	7	30,29	50,5	55,5	40,5	1	N 1	. cloudy
	2	30,26	61	63,5	37	5	NNW 1	. fine
27	7	30,23	48,5	57	44,5	4	N 1	
	2	30,15	67	52	50	4	N 2	. fine night
28	7	30,01	53	59,5	46	5	WNW 1	. fine
	2	29,93	62,5	62	41	4	NNW 1	. fine
29	7	29,89	48,5	56	43	4	NW 1	. fine
	2	29,83	54,5	59	36	3	NW 2	
30	7	29,86	45,5	54,5	40	1	WNW :	
	2	29,96	56	57,5	34,5	3	NNW 1	
31	7	30,18	46,5	54	41	2	WNW 1	. hazy. cloudy
	2	30,20	56	57	47	4	WNW 1	. fine

OBSERVATIONS *on the* DISEASES *in* May 1793.

THOUGH this month, on the whole, proved tolerably healthy, yet the smallpox was rather frequent; for this being generally considered as the season most favourable to inoculation, it spread from that cause, and there were many instances of rather a confluent sort (even under inoculation) yet the symptoms were on the whole mild, and free from malignancy: with those who had been inoculated, a redness of the skin, accompanied with a small rash, very commonly attended the eruption, and proved, as is usually the case, an indication of a mild disease.

The scarlet fever, which commenced last month in the neighbouring villages, continued to make its progress toward the metropolis; however, it was rare there, but should the weather become warm, we may expect it to be frequent. The *urticaria*, or nettle-rash, prevailed very much, but in its usual mild state, so as to require no medical assistance. Apoplexy now and then occurred, as also paralytic and rheumatic affections, but not so frequently as to deserve particular notice.

METEOROLOGICAL JOURNAL, June 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	30,16	50	54,5	43,5	2	W 1	. more wind
	2	30,10	61	58	37,5	3	SSW 3	. hazy night
2	7	29,85	55,5	58	47	5	ESE 1	. more wind
	2	29,72	62,5	61	37,5	5	S 3	. little rain. lefs wind
3	7	29,99	58,5	60	47,5	4	SW 1	. fine
	2	30,07	66	62	40	2	SSW 2	
4	7	30,10	59	61	44	3	SSW 2	
	2	30,11	69	65	40	4	SSW 2	
5	7	30,08	59	62,5	46	4	S 1	hazy. cloudy: gentle rain
	2	30,08	67,5	66	44,5	4	SW 1	. little wet. fine
6	7	30,06	56	61	45	4	SSW 2	
	2	30,03	63,5	64,5	44	5	S 1	gentle showers. fair eve
7	7	29,97	57,5	62,5	49	5	S 1	little wet. fine
	2	29,94	67	64,5	41	2	SW 1	. wind S
8	7	29,89	57,5	61,5	46	4	SSW 2	. little wet: shower. fine
N	2	29,95	63	63	44	3	SW 2	. shower
9	7	30,08	56	61	45	3	SSW 2	. little wet and more wind
	2	30,05	62,5	63	43	3	SSW 4	. lefs wind
10	7	30,13	54	60	44	4	SW 1	
	2	30,13	64,5	64,5	40	3	SW 1	
11	7	30,13	52	57	47	3	SW 1	hazy. cloudy
	2	30,07	62	61,5	42,5	5	SW 1	. fine. cloudy night: fine
12	7	29,97	54,5	60	47,5	2	W 0	hazy. cloudy
	2	30,04	61,5	62,5	41	5	NNW 1	. shower
13	7	30,17	54	60	46,5	4	NNE 1	
	2	30,20	59	62	42	5	NE 2	. wind N
14	7	30,23	50,5	58,5	45	5	N 2	. little wet
	2	30,21	56	60	41,5	5	N 2	. fine night
15	7	30,18	48,5	57	44	5	N 1	. lefs cloudy
	2	30,18	57,5	59	40	3	NNW 1	
16	7	30,18	54	60	44	1	WNW 1	: cloudy
	2	30,08	64,5	63	41,5	4	WNW 1	. little rain. fair night: little rain
17	7	29,91	57,5	61	48	5	WNW 1	. fine
	2	29,87	66,5	64	40,5	3	W 2	. wind NW
18	7	29,98	51	59	42	2	NW 1	hazy. cloudy
	2	29,99	59	61,5	39	4	WNW 1	. rainy night
19	7	29,75	54	60	47	5	W 1	. frequent showers
	2	29,72	58	61	46	4	N 1	. little wet at night
20	7	29,92	51,5	58,5	46	5	NNW 1	
	2	30,03	54,5	60	43	5	NNW 1	. lefs cloudy
21	7	30,11	52	57	46	4	N 1	
	2	30,07	61,5	60	41	4	NW 1	. fine: cloudy
22	7	29,79	54	59	46	5	W 1	. little rain. fine
	2	29,83	61	60,5	40	2	NW 2	. cloudy eve. little wet: fine
23	7	29,99	50,5	59	42	1	NW 1	
F	2	30,02	61,5	60,5	32	2	NNW 1	. cloudy night
24	7	29,99	51,5	58,5	46	5	W 1	little wet at times: little rain
	2	29,94	58,5	60,5	46	5	W 1	. little wet at times
25	7	29,93	55,5	61	47,5	5	W 1	
	2	29,94	64	63	44	5	WSW 1	. gentle rain at eve and night
26	7	29,82	59,5	62,5	52,5	5	W 1	. little wet. fine
	2	29,83	71	64	43,5	2	N 2	
27	7	29,89	56	62	45	1	W 1	
	2	29,86	68,5	66	41	1	SW 1	
28	7	29,89	57,5	62,5	47	3	SW 1	. chiefly cloudy and little rain: fine
	2	29,93	65,5	65	44	3	SW 2	. cloudy night
29	-	29,84	58	63	47,5	5	S 2	chiefly cloudy and gentle rain
	2	29,75	63	65	48	5	SSW 3	. little wet at eve but chiefly fine
30	7	29,91	59,5	63	47	3	SSW 3	. cloudy. little rain: shower. fine
	2	29,94	66	65,5	42,5	3	SW 3	. lefs wind. cloudy night

OBSERVATIONS *on the* DISEASES in June 1793.

THE scarlet fever began to prevail very early in the month, and increased in frequency as it advanced, particularly at the western part of the town, but all its symptoms were mild; swellings of the tonsils and glands of the throat (as is usual) accompanied it, but suppuration very seldom took place. The weather being warm, free admission-of air into the apartments of the sick was beneficial, the fever was moderated by it, and the excessive debility which frequently succeeds this disease was in a great degree prevented: acid gargles, when the throat was affected, were particularly useful; and ripe fruit proved beneficial, by keeping the bowels in a proper state, and tending to check the putrid symptoms. The smallpox still continued, and was more malignant than in the preceding month; in the natural state it was mostly of the confluent kind. It is usual under inoculation to prepare the body for this disease, by giving mercurial medicines in alterative doses, from the time of inserting the matter till the appearance of the eruption, and daily experience proves its utility; yet this medicine has seldom been given in the natural disease: but it is an established fact, that corrosive sublimate in particular, mixed only with sugar, and in a small dose twice or three times a day from the first appearance of the eruption, will, even in the worst confluent kind, render the symptoms much milder, and assist very much in conducting the patient through the disease. The *urticaria* likewise continued. Aphthous ulcerations of the mouth and fauces, were very prevalent, but in general without fever, or any other unpleasant symptom. The whooping-cough was also very prevalent, but extremely mild.

METEOROLOGICAL JOURNAL, July 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,88	64	60	47,5	5	SW 2	. chiefly drizzling or gentle rain
	2	29,88	64	64,5	47,5	4	WNW 1	. little wet. fine eve
2	7	30,07	55,5	61	46	3	WNW 1	
	2	30,12	66,5	64	50	4	W 2	. little wet. fine
3	7	30,27	56	64	46	2	W 1	
	2	30,27	69,5	66	41	2	WSW 2	. cloudy night
4	7	30,22	58	64	44	5	SW 1	. little rain : fine
	2	30,17	69	66	41	3	SW 2	
5	7	30,29	63	66	47,5	3	WSW 2	
	2	30,24	77,5	70	43,5	3	W 2	
6	7	30,34	65	69	50,5	5	W 2	. fine
	2	30,31	82	74	44,5	2	WSW 1	
7	7	30,20	69	72	47,5	1	SW 1	
	2	30,10	85	77	40	1	WSW 1	. Thermometer 86
8	7	30,13	70,5	73,5	48	1	N 1	
N	2	30,12	82	78,5	42,5	1	E 2	: cloudy
9	7	30,14	66,5	71	42,5	4	E 1	. fine
	2	30,13	77	75	42	1	E 2	
10	7	30,09	65	71	47,5	1	E 1	
	2	30,12	81,5	75,5	35,5	1	E 1	. cloudy eve and little lightning
11	7	30,05	64,5	72	45,5	5	E 1	. fine
	2	30,01	81	76	39	1	E 1	. wind NE at night
12	7	30,03	62	73,5	45	1	NE 1	
	2	30,03	63	77	36,5	1	E 2	
13	7	30,14	66	70	46,5	1	NNE 1	
	2	30,15	82	76,5	38	1	E 1	
14	7	30,23	61,5	70	42,5	1	ENE 1	
	2	30,19	80	76	37,5	0	ESE 1	
15	7	30,19	64	69,5	40	2	E 1	
	2	30,16	81,5	74,5	36	2	ESE 1	
16	7	29,99	61,5	72	40	1	E 0	hazy
	2	29,88	85,5	77	35	1	SW 2	. Thermometer 87
17	7	29,85	61	71	46	1	WSW 1	. cloudy. fine
	2	29,92	75,5	75,5	39	3	SW 2	. cloudy night : rain
18	7	29,88	62,5	71	43	4	W 1	. gentle rain at times
	2	29,77	66,5	72	44	5	W 1	much gentle rain. fair eve : little wet
19	7	29,79	61,5	66,5	47	4	SSW 2	
	2	29,79	68	70	40	4	SW 1	. fine eve
20	7	29,89	55,5	66	43	4	WSW 1	. showers
	2	29,96	64,5	68	42,5	4	N 1	. showers. fair eve
21	7	30,23	55	64	42,5	3	N 1	
	2	30,23	64,5	65,5	38,5	3	N 1	
22	7	30,23	56	64,5	44,5	3	SE 2	
	2	30,19	68,5	67,5	39,5	4	SSW 2	
23	7	30,04	62	66,5	44	5	S 2	: drizzling rain
F	2	30,04	65	69	46	5	S 2	. lefs cloudy night
24	7	30,04	64,5	67	50	4	SW 1	. fine
	2	30,06	75	71	44,5	3	W 1	: cloudy
25	7	30,06	65,5	70	47,5	5	WSW 1	: fine
	2	30,06	72,5	72	44	3	SW 1	
26	7	30,11	62	68,5	46	3	SW 2	hazy. more cloudy
	2	30,10	72,5	72	42,5	4	W 1	hazy. more cloudy night
27	7	30,04	65,5	70,5	49,5	5	ENE 1	. much gentle rain
	2	30,00	64,5	69,5	52	5	E 1	heavy and continual rain : fair morn
28	7	29,96	58	65	52	5	N 1	little wet at times
	2	29,95	63	67,5	45,5	5	N 2	. lefs cloudy eve
29	7	29,93	54,5	64,5	46,5	5	NW 1	. lefs cloudy
	2	29,97	63,5	65	42,5	4	WNW 1	. fine. clear night
30	7	30,00	56,5	63	47	1	NW 1	hazy
	2	30,00	70	68	42,5	3	SW 2	. clear night : rain
31	7	29,94	60,5	66	50	5	S 1	rain. fine
	2	29,99	69,5	68	45	3	W 1	

OBSERVATIONS on the DISEASES in July 1793.

THE scarlet fever began to decline early in the month, and before its termination, was a rare disease. Inflammatory sore throat was the most prevailing complaint; the tonsils were in general much enlarged, and suppuration frequently took place; the fever which accompanied it was for the most part considerable: the use of gargles fully saturated with the mineral acids, and inhaling the vapour from boiling vinegar, relaxed the inflamed glands, and by increasing the secretion of mucus, proved abundantly useful; when these remedies were used early, suppuration seldom took place; blisters to the throat were very beneficial, and after proper evacuations, when the fever began to subside, bark, used as a gargle, and taken as a medicine, soon completed the cure. The smallpox and measles appeared here and there; the symptoms of the former were similar to those of the last month, and the latter were very mild. Small angry eruptions, which terminated in a desquamation of the cuticle, were particularly frequent in scrophulous habits; perspiration, produced by the heat of the weather, seemed to occasion them, but much relief was in general experienced, and many uneasy sensations peculiar to such habits were removed, on their appearance. Great prostration of strength, accompanied with considerable depression of spirits, in persons of a full and lax habit, universally prevailed: these symptoms may very justly be attributed to the uncommon heat of the weather, the thermometer having risen higher this month than it has done for many years past. In the latter part of the month, when the weather became cooler, autumnal diarrhœas, with *cholera morbus*, were very prevalent; but these diseases were even met with during the greatest heat, and evidently proceeded from the imprudent exposure of the body when heated, and from drinking largely of cold liquors; some few cases of anasarca were likewise produced by the same means; and the eating of cold vegetables, such as cucumber, and unripe fruit, contributed also to the former diseases: laxatives of rhubarb frequently repeated, restoring the perspiration, and drinking plentifully of weak diluting liquors, soon removed these complaints.

METEOROLOGICAL JOURNAL, August 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	30,21	57	65,5	48	1	W 1	hazy
	2	30,21	70	68	44,5	4	W 1	. fine
2	7	30,21	60,5	66	47,5	1	S 1	hazy
	2	30,12	72	67,5	43,5	3	E 2	
3	7	29,91	63,5	63	51,5	2	E 1	
	2	29,82	76	72	43,5	3	ESE 2	. cloudy. thunder and much rain. cloudy night
4	7	29,72	62	68	48,5	3	SW 2	. cloudy
	2	29,76	65	69	42,5	4	S 3	. lufs wind
5	7	29,96	60	67	48	5	S 1	. fine
	2	29,98	70,5	70	42	1	S 2	. showers. fine
6	7	30,09	59	67	46,5	1	W 2	
N	2	30,18	68	69	40	3	WNW 1	
7	7	30,18	58	66	49,5	1	N 1	hazy : cloudy
	2	30,09	70	69	42,5	4	E 3	. thunder and much rain. fine night : little
8	7	29,87	60	66,5	50,5	5	S 1	little rain : more wind and fine [rain
	2	29,86	71	69,5	42,5	3	WSW 3	
9	7	29,84	61	66,5	47,5	3	SW 2	
	2	29,82	66,5	60	44	4	WSW 2	. cloudy night. little rain
10	7	29,83	62,5	67,5	50	4	WSW 2	. fine
	2	29,87	71	70	47,5	3	SW 3	. lufs wind and clear night
11	7	30,08	56	65,5	46,5	2	W 1	
	2	30,08	68	68	39	3	WSW 1	. clear night : cloudy
12	7	30,11	54	65	44	4	W 1	. fine
	2	30,07	70,5	69	40	3	SSE 2	
13	7	29,95	61,5	66,5	46,5	4	SSE 1	. fine and more wind
	2	29,91	78	72	41,5	3	SW 3	. lufs wind and gentle rain. fine eve
14	7	30,06	57	66	45,5	1	WSW 2	
	2	29,99	70,5	69	39	3	SW 3	. lufs wind : cloudy
15	7	29,73	59,5	66	47	5	SSW 1	little rain at times
	2	29,49	65	68,5	45,5	4	S 3	. lufs wind at night
16	7	29,67	57,5	66	46,5	2	WSW 1	. more wind
	2	29,76	66,5	63	40	3	W 3	. lufs wind and clear eve : little rain
17	7	29,66	57,5	65	50,5	5	SE 1	much rain. fine : stormy shower
	2	29,39	62	66	49	5	S 2	chiefly rain and windy night : lufs wind and
18	7	29,71	55	64,5	50	5	NW 2	[fair
	2	29,96	60	65	44,5	4	W 2	. fine
19	7	30,11	53,5	61	49,5	4	W 1	. fine
	2	30,23	66	66,5	43	3	SSW 1	. clear night
20	7	30,20	53	58	48	h	NNW 1	. fine
	2	30,22	67	66	41	2	W 1	
21	7	30,32	58	64	48	2	WNW 1	hazy
F	2	30,32	72	69,5	44	2	W 2	
22	7	30,24	58,5	66	48	4	W 1	. fine
	2	30,14	73,5	69,5	43	2	WSW 1	. cloudy
23	7	30,03	62,5	67	50	5	SW 1	. lufs cloudy
	2	30,00	70	70	44	3	SW 1	
24	7	30,11	55	65	44	3	W 1	
	2	30,11	65,5	67	40	4	WNW 1	. fine eve
25	7	30,20	53	62	45	1	NW 1	
	2	30,22	64	65,5	40	2	N 1	
26	7	30,13	51,5	62	50	2	SE 1	. cloudy : fine
	2	30,03	68	68	40	3	SE 2	. cloudy night. fine
27	7	29,96	54,5	62	45,5	1	WSW 1	. more cloudy
	2	29,98	65	66	39	4	W 2	. fine night
28	7	29,98	62,5	59,5	49	4	W 2	
	2	30,09	67	66,5	43	5	W 1	. little rain at times
29	7	30,09	56,5	63,5	44,5	3	W 1	
	2	30,01	66	66	41	1	W 1	. cloudy. little rain
30	7	29,83	57,5	64	49	3	SSW 1	. little rain
	2	27,78	62	66	46	4	SW 1	. fine : cloudy. little wet
31	7	29,79	57,5	66	46	5	WSW 1	little rain at times : fine
	2	29,77	62	66,5	44,5	3	WSW 2	. thunder storm. fine : cloudy

OBSERVATIONS *on the* DISEASES *in* August 1793.

THE diseases of this month differed so little from those of the last, as scarcely to merit particular notice. Inflammatory sore throat still continued frequent, but the most prevailing complaints were *cholera morbus* and diarrhœa; they yielded very readily to the most gentle remedies, and were seldom diseases of more than two or three days duration. Scarlet fever now and then occurred, but with no peculiar symptoms; and toward the latter part of the month, smallpox became more frequent, and was pretty generally confluent,

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D.	H.	Baro.	T.out	T.in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,88	53,5	62	46,5	5	SW 1	chiefly gentle rain: much rain
	2	29,76	58	64	48,5	5	SSW 2	rain. chiefly fair. less cloudy night
2	7	29,69	55,5	63	49	4	WSW 2	: fine
	2	29,62	63,5	66	44	2	WSW 2	: windy night
3	7	29,62	52	63	46	3	WSW 3	
	2	29,80	63	65	39,5	3	W 2	
4	7	30,03	49	61	44,5	1	W 1	
	2	30,08	60,5	62,5	40	3	W 1	: little rain at night. fine
5	7	30,12	46	58	46	2	W 1	hazy. wind NW
N	2	30,12	57,5	61	41	4	NW 1	
6	7	30,08	50,5	59,5	46,5	5	NW 1	: fine
	2	30,07	58	61,5	40	3	NW 1	: rain at times. fine night
7	7	30,22	42,5	55	44,5	2	NW 1	hazy
	2	30,29	58	59	40	1	W 1	: cloudy
8	7	30,37	55	60	48	5	WSW 1	
	2	30,37	64	64	45	4	W 1	: fine night
9	7	30,34	56,5	63	48	5	W 1	
	2	30,30	62,5	64	42,5	5	WNW 1	
10	7	30,18	55	62,5	47,5	5	W 1	: less cloudy
	2	30,13	65,5	66	46	5	WNW 1	: wind N
11	7	30,13	50	60,5	47	h	N 1	
	2	30,09	62	63,5	55	4	W 1	: fine
12	7	30,03	53	60	54,5	f	NW 0	: fine
	2	30,00	66	65,5	49	2	E 1	: cloudy. little rain
13	7	29,90	59,5	64,5	57,5	6	E 1	much rain but fine at times
	2	29,86	64	66	50,5	4	S 1	: gentle showers
14	7	29,82	59,5	64	57	3	SSW 1	hazy
	2	29,74	65	65,5	49	3	SSW 2	: excessive rain at night: chiefly fair
15	7	29,45	60	65,5	55	5	SSW 1	little rain at times: fine
	2	29,54	63,5	66,5	46	2	WSW 1	: cloudy eve. little rain
16	7	29,60	54,5	60,5	52,5	3	SW 1	hazy
	2	29,73	61	64,5	48	4	NW 1	: cloudless night but hazy
17	7	30,01	50,5	60,5	50,5	2	W 1	hazy: cloudy
	2	30,02	62,5	63,5	48	5	S 2	: much rain at eve and night
18	7	29,80	61	65	57	5	SSW 1	: little rain at times
	2	29,82	65	66,5	54	5	SW 1	gentle rain. fair night
19	7	30,14	52,5	60,5	52	4	N 1	: more cloudy
F	2	30,18	56,5	62	49,5	5	N 1	
20	7	30,17	52	60	53	5	N 2	: little wet. shower: fine
	2	30,18	58	61	46,5	3	N 3	: less wind
21	7	30,20	47	57	50	1	N 1	: frequent showers: hail
	2	30,18	53	58	50	3	NE 2	: showers: cloudy and little rain
22	7	29,90	46,5	56,5	51,5	5	N 2	: chiefly gentle rain
	2	29,72	51	58	50	5	N 2	gentle rain. chiefly fair
23	7	29,59	45	55,5	51	5	N 1	: fine. cloudy: little rain
	2	29,67	49	56	49,5	5	S 1	much gentle rain. fine night
24	7	30,02	47	55,5	52	4	SW 1	
	2	30,11	57,5	58	46	4	SW 1	: gentle rain at times
25	7	30,26	48	56,5	52	2	NE 1	foggy
	2	30,34	59	60	46,5	3	NNW 1	: clear night
26	7	30,49	45	56	51,5	f	NNW 0	: fine
	2	30,45	54	58,5	49,5	3	NE 1	
27	7	30,45	44	55	52	2	E 1	foggy
	2	30,40	57	59,5	48,5	1	E 1	
28	7	30,25	43	57	53	2	ENE 1	hazy
	2	30,11	59	61	49	2	ENE 1	
29	7	29,83	49	56	54,5	h	ENE 1	: cloudy: fine
	2	29,74	60	61	47	3	S 2	
30	7	29,74	52,5	60	51	4	SSW 2	
	2	29,82	52,5	61,5	45	4	WSW 1	: drizzling rain

OBSERVATIONS on the DISEASES in September 1793.

THE smallpox increased in frequency during this month, and were almost universally confluent, but did not on the whole prove very fatal. The whooping-cough was likewise common, but rather mild. New-born infants were more than usual affected with the thrush, and likewise with slight catarrhs, both of which yielded very readily to the accustomed remedies. Agues were likewise common, but their origin could in general be traced to a residence in a low and marshy situation in the country; they did not prove obstinate. Peripneumonic and pleuretic affections were rather frequent toward the middle of the month, but were not severe, and yielded readily to bleeding and antiphlogistic remedies. The croup, which had been dormant for several months, again prevailed: as this is a disease which scarcely admits of a cure unless in its early stage, and as from the mildness of the symptoms on its first attack, it occasions no apprehensions to persons unaccustomed thereto, it may not be improper to give some account of it. Cold seems to be the predisposing cause to this disease, which acts more powerfully when united with moisture: it is met with most frequently in low and marshy situations, particularly in the neighbourhood of the sea, and more especially if open to the east, or north; it does not appear to be contagious; and it very rarely attacks infants at the breast, or children above ten years of age, but between these periods; and the nearer they are to the time of weaning, the more liable are they to the disease. It makes its attack, in general, with the common symptoms of catarrh (though now and then the distinguishing marks of the complaint appear at first) these are soon succeeded by fever, accompanied with a sense of tightness across the chest, and a difficulty in respiration, though not any in deglutition; but the distinguishing symptom of the disease, is a peculiar noise or thrillness in coughing or speaking, and even in respiration, as if the air was forced through a metallic tube. Though the cough is in general dry, yet films, accompanied with a fluid having the appearance of purulent matter, are sometimes expectorated, and occasionally a tube of concremented mucus, having the form of the windpipe, has been coughed up. It has proved fatal in one or two days from its attack, but in general it runs on to four or five; a spasmodic affection of the windpipe, and an inability to breathe, seizes on the patient, who in general expires suddenly in this way. On dissection, the *trachea* is in general found lined with thickened mucus, resembling a membrane, which in some instances nearly filled up the cavity; underneath this is a fluid resembling purulent matter, with which the *bronchiae* are likewise very much loaded. It appears to be a truly inflammatory disease. General as well as topical bleedings in the early part of the disease are much to be depended on; leeches applied to the throat, and the bleeding encouraged by fomenting with warm water, prove very useful; a blister may afterward be applied to the same part: active emetics should by no means be omitted, but frequently administered during the continuance of the disease; and inhaling warm vapours, particularly those arising from vinegar mixed with boiling water, prove useful; the bowels should likewise be kept in a gentle laxative state. Vitriolated zinc has been particularly recommended as an emetic; but it does not seem to possess any superiority over other emetics, except from the quality it has of more speedily exciting the stomach to action; it may therefore be given in those cases, where the danger is so urgent as to render it unsafe to wait for the operation of other emetics.

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D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,68	59,5	61,5	62,5	5	SSW 2	chiefly cloudy and drizzling rain
	2	29,65	61,5	63	57,5	5	SW 2	little rain. mure wind : lets wind and fine
2	7	29,93	51	62	48	2	SW 1	: cloudy. shower of hail
	2	29,82	57,5	62,5	45	5	W 2	little rain. fine night
3	7	30,13	49,5	53,5	51	2	SW 1	: cloudy and little rain
	2	30,18	60	62	50	5	W 1	: windy night : little wet
4	7	30,06	57	60,5	55,5	5	SW 2	drizzling rain. fine
	2	30,14	64,5	64,5	51	2	WSW 2	: cloudy and little wet
5	7	30,21	59	63	51,5	5	W 1	: fine
N	2	30,27	64	65,5	51	2	W 1	: cloudy
6	7	30,22	57,5	63	52,5	5	SW 2	: fine : chiefly cloudy
	2	30,25	63	66,5	50	5	WSW 1	: little wet. chiefly fine
7	7	30,30	51,5	60	52	4	WSW 1	: fine
	2	30,23	62	64	47	2	SW 2	: cloudy night : fine
8	7	30,30	53	61,5	51	1	W 1	: more cloudy
	2	30,28	61	63,5	50,5	4	WSW 2	
9	7	30,22	52,5	62,5	52,5	h	SW 1	: fine
	2	30,14	60,5	63	50	1	SSW 1	
10	7	29,98	52	60	56,5	f	S 0	: fine
	2	29,92	62	64,5	52	3	SW 1	: cloudy night
11	7	29,97	54	61	51	5	WSW 1	
	2	29,97	58	62	48	5	WSW 1	
12	7	29,92	57	62	72	5	ESE 1	: fine
	2	29,94	64	64,5	57,5	2	SE 1	
13	7	30,08	58	64	57	2	SSW 1	
	2	30,08	64	65,5	46	1	SSW 1	: cloudy night
14	7	30,13	57	62	55	5	S 1	: fine
	2	30,23	61,5	65,5	47	3	NNW 1	
15	7	30,45	43,5	56	48	2	NNW 1	
	2	30,50	55	61	47	2	NW 1	
16	7	30,49	54	61	49,5	h	W 1	: fine
	2	30,42	60	64	45,5	3	WNW 1	: cloudy
17	7	30,31	49	58	51	5	NW 1	
	2	30,30	59	62,5	50,5	5	NW 1	: chiefly drizzling. fine night : cloudy
18	7	30,31	49	59	53	5	N 1	hazy
	2	30,28	55	60,5	52	5	WNW 1	hazy
19	7	30,26	51	57	52	h	W 1	
F	2	30,22	54,5	60	47	4	W 1	hazy
20	7	30,18	52,5	60	50	4	W 1	: hazy
	2	30,14	55,5	61	46,5	5	W 1	hazy : fine
21	7	30,17	49,5	57,5	49,5	0	W 1	
	2	30,27	49	53	47	3	W 2	: calm cloudy night
22	7	30,24	53,5	61	52	h	W 0	: wind S and drizzling fog
	2	30,24	56	61	57	5	E 1	
23	7	30,30	52	59	52	4	E 1	hazy
	2	30,25	56	59,5	46,5	3	ESE 1	hazy
24	7	30,02	45,5	55	48	f	SE 1	: fine
	2	29,92	51	57	46,5	3	SSW 1	: little rain
25	7	29,77	50	52	52	f	W 1	: more wind : little wet
	2	29,64	54	59	51	5	SSW 3	: little wet at times. windy night
26	7	29,57	57,5	60	56	5	SW 4	: little wet
	2	29,55	59,5	61	53	5	SW 4	little wet. lets wind
27	7	29,51	54	60,5	54,5	4	SW 2	: little wet
	2	29,49	57	62,5	51,5	4	SW 2	: fine
28	7	29,78	45	57	52	1	WSW 1	
	2	29,96	52,5	58,5	46,5	1	NW 1	
29	7	29,81	49	57	52	2	SSW 1	: more wind and cloudy
	2	29,54	56	58	50,5	5	SSW 3	: much rain : fine
30	7	29,32	10	54,5	50,5	1	W 2	
	2	29,40	47	56	46	2	W 1	
31	7	29,27	37	47,5	49,5	3	WSW 1	
	2	29,32	43,5	53	47	2	N 2	

OBSERVATIONS *on the* DISEASES *in* OCTOBER 1793.

THIS month was on the whole healthy, and the diseases which prevailed, were similar to those of the preceding one ; the smallpox was not quite so frequent, but still continued confluent, and was rather more fatal. Gout, which is the disease of the season, was very prevalent ; and where the rheumatic fever occurred, it principally attacked those who were before accustomed to that complaint. Many persons were afflicted with the mumps, which was the most prevailing disease. To the account of croup, given last month, it has been observed, that children afflicted with scrofula, or those born of scrofulous parents, were most liable to that disease.

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D.	H.	Baro.	T.out	T.in	Hyg.	C.	Wind.	Weather, &c.
1	8	29,63	38,5	50	50	3	WNW 1	foggy
	2	29,71	44	52	47,5	2	NW 1	hazy
2	1	29,95	33,5	44	50,5	1	WNW 1	hazy
	2	29,90	44,5	50	48	4	S 1	. more cloudy : rain. fine
3	8	29,66	46,5	51	54	2	SW 1	hazy
N	2	29,67	50	53,5	47	2	W 1	
4	8	29,64	41	51,5	55	f	SW 1	. much rain
	2	29,46	45	52,5	52,5	h	E 1	. rain
5	8	29,67	37,5	47,5	52	f	W 1	. fine
	2	29,66	47	52	48	2	WNW 1	. foggy eve
6	8	29,87	40,5	49,5	52,5	2	NNW 1	foggy
	2	29,90	47	51,5	49	2	N 1	
7	8	29,99	40	49,5	51	2	NNW 1	foggy : more cloudy
	2	29,97	46	51	48	2	NNW 2	. little rain. clear night
8	8	29,92	37	47	55	f	N 0	. wind E : little rain
	2	29,76	45,5	50	52,5	h	SE 1	. chiefly gentle rain
9	8	29,54	40,5	47,5	52,5	2	W 1	foggy
	2	29,52	48,5	52,5	51,5	3	S 1	. cloudy night : much rain
10	8	29,11	49	52,5	55	5	WSW 1	little rain. fine
	2	29,21	49	54	50	2	SW 1	. rain at night
11	8	29,22	46	55	50,5	3	NW 1	foggy. wind W
	2	29,41	49,5	54,5	48,5	3	W 1	
12	8	29,71	38	47	56	f	N 1	. little wet
	2	29,58	47	52	57,5	f	E 1	. rain. windy night and chiefly fine
13	8	29,30	51	54	55	3	SSW 2	: cloudy
	2	29,32	53	55	50,5	5	SW 2	. clear night
14	8	29,47	42,5	48	52,5	f	SW 1	. few clouds but hazy
	2	29,51	49,5	55	49	3	SW 1	hazy. foggy eve. fine
15	8	29,54	43,5	50	60	3	SE 1	foggy. cloudy
	2	29,50	50	55	52,5	5	SE 2	: little rain
16	8	29,47	47,5	52	60	5	E 2	foggy
	2	29,49	50	56,5	54	5	E 1	foggy
17	8	29,61	49	55	64	f	E 1	. rain at times
F	2	29,66	51	56,5	57	5	ENE 1	gentle rain. lefs cloudy eve and chiefly fair
18	8	29,65	52	56	56	4	SE 1	hazy
	2	29,68	55	57	56	5	SE 1	. fine night but hazy
19	8	29,58	49	55	56	f	ENE 1	
	2	29,60	54	57	52,5	3	S 1	hazy
20	8	29,84	46	55	55	f	SE 1	continual fog
	2	29,87	52	57	52,5	f	E 1	continual fog
21	8	30,01	49	54,5	57	f	E 1	. lefs foggy
	2	30,02	51	56	53,5	5	E 1	. fine night
22	8	30,01	44	54	58	f	E 1	. fine
	2	29,97	51	55	59	1	E 1	hazy. foggy eve. fine
23	8	29,97	46,5	54	70,5	f	E 1	. fine
	2	29,93	51,5	56,5	59	1	E 2	hazy
24	8	30,09	45,5	51,5	61	5	E 2	
	2	30,12	47,5	54,5	58	5	E 2	
25	8	30,32	45,5	53,5	53	5	NE 1	
	2	30,34	44,5	49,5	52	5	NE 1	
26	8	30,34	45,5	52,5	55	h	NE 1	
	2	30,33	43,5	53	52,5	h	NE 1	. little wet at night : fine
27	8	30,25	44	50,5	56	1	NNE 1	. cloudy
	2	30,25	49	53,5	56	5	N 1	
28	8	30,33	45,5	50,5	62	h	N 1	
	2	30,33	46,5	53	53,5	h	E 1	
29	8	30,37	46	52,5	55	f	NE 1	
	2	30,36	47,5	53,5	52	5	NNE 2	: little rain
30	8	30,37	42,5	50	54	5	NNE 1	
	2	30,37	45,5	53	53,5	4	N 1	hazy, fine eve. cloudy : little rain

OBSERVATIONS on the DISEASES in November 1793.

THE smallpox, which usually declined at this season of the year, was on the contrary more frequent; it still continued to be confluent, was frequently accompanied with *petechiæ*, and the mortality very considerable; when it proved fatal, it was commonly about the fourteenth day, but many instances occurred of its becoming so on the fourth or fifth; the mouth and fauces were in general much covered with the eruption, and the breathing from the first attack of the disease was difficult; keeping the patients in the open air during the eruption was very beneficial, as the number of pustules was considerably lessened and the danger thereby diminished; bark and mineral acids were the best remedies for the putrid symptoms, and opiates occasionally administered proved abundantly useful in abating irritability, and thereby lessening fever. Scarlet fever again prevailed in the neighbourhood, and proved rather fatal, but was still a rare disease in town. The measles were likewise very frequent, but mild. Catarrhs were pretty universal, but children were more particularly affected by them.

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D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	30,37	43,5	50	59	f	NNE 1	drizzling rain at times
	2	30,36	46	52	54	5	NNE 1	. little rain at times
2	7	30,30	43	50	56	5	ENE 1	
	2	30,21	45,5	52	52,5	4	ENE 1	hazy. more cloudy
3	7	30,24	41,5	48	55	5	NNE 1	. little wet : less cloudy
N	2	30,28	42,5	49	51	3	E 1	hazy. cloudless eve but hazy
4	7	30,32	33	42	48	3	ESE 1	foggy
	2	30,24	38,5	45,5	46,5	4	SW 1	foggy. cloudless night but hazy
5	7	30,33	33,5	42,5	52	f	SW 1	continual fog
	2	30,32	41	46,5	51,5	f	WSW 1	
6	7	30,30	40,5	47,5	51,5	f	W 1	
	2	30,26	44,5	49,5	51	3	W 1	foggy. clear night
7	7	30,12	33,5	43,5	51	f	W 1	. little rain
	2	30,02	39,5	47	51	f	W 1	
8	7	29,92	40,5	49,5	52,5	4	W 1	foggy. fine
	2	29,89	44,5	49	51	4	WSW 1	. fine night. cloudy
9	7	29,80	44,5	48,5	52,5	f	SSW 1	
	2	29,72	46	50	50,5	3	SSW 2	. cloudy night : clear
10	7	29,59	43	49	55	f	S 1	. fine
	2	29,41	49	52	49	2	S 2	. little rain in the night
11	7	28,76	49	53	65	6	S 2	. chiefly gentle rain
	2	28,80	53,5	55	57,5	4	SW 2	. little rain at times
12	7	29,11	50,5	54,5	54	4	SW 1	
	2	29,23	53	55,5	51	3	SSW 2	. cloudy and rain at times
13	7	29,14	56	58	61	6	SSW 2	gentle rain : fine
	2	29,18	55	58,5	53	3	SW 3	. le's wind and clear eve
14	7	29,42	49	55	54,5	h	S 1	. fine : hazy
	2	29,40	51	58	54,5	h	SSE 1	. little rain in the night
15	7	29,42	47,5	53,5	55	3	E 1	hazy. cloudy
	2	29,45	51,5	57	52,5	5	E 1	. more wind and much rain at ni
16	7	29,12	51,5	56,5	56,5	5	S 1	foggy and gentle rain : fair
	2	29,25	50	57	49	5	NW 1	. fine eve. clear
17	7	29,79	41	48	51	0	SW 1	hazy : cloudy. rain
F	2	29,73	48,5	53	53	5	S 2	chiefly rain
18	7	29,63	52,5	55	57	5	SW 2	. little rain at times
	2	29,47	52	56	54	5	S 3	. rain at times. fine and showers
19	7	29,44	45,5	52,5	52	2	S 1	
	2	29,46	49,5	55	51	3	S 2	
20	7	29,55	39	51	52	f	SSW 0	. very foggy : few clouds but foggy
	2	29,55	39,5	50,5	53,5	2	SSW 0	foggy. very foggy. fine night
21	7	29,46	40,5	49,5	53	3	ESE 1	. cloudy
	2	29,26	45	51	51	4	S 1	. more cloudy. rainy night : fine
22	7	28,89	43	50	57	f	S 1	. cloudy : little rain
	2	28,94	47	52,5	56	5	SSE 2	. little rain. fair. rainy night
23	7	29,22	46	52	56,5	6	ESE 1	. little rain. fine : cloudy
	2	29,40	47,5	52,5	52,5	4	ESE 1	. little rain. fine eve
24	7	29,68	44,5	50	55	h	NE 1	
	2	29,73	46,5	52,5	54	4	NE 2	hazy. more cloudy
25	7	29,92	42,5	50	51	5	NE 1	
	2	29,93	43,5	51	50	5	NE 1	
26	7	30,13	41,5	47,5	52,5	5	NE 1	chiefly drizzling : fair
	2	30,12	42,5	50	53	5	NE 1	hazy. little wet
27	7	29,97	40,5	46,5	55	5	NE 1	foggy
	2	29,95	41,5	49	53,5	5	NE 1	foggy
28	7	29,86	39	46	53	5	NE 1	foggy
	2	29,86	40	46,5	49,5	5	N 1	. fine
29	7	29,97	37,5	44,5	52	3	N 1	
	2	30,02	39	47,5	52	2	N 1	. clear night : foggy
30	7	30,09	31,5	44,5	50,5	f	N 0	continual fog
	2	30,01	34,5	44,5	52	f	N 0	continual fog
31	7	29,77	39,5	44,5	52,5	3	S 1	
	2	29,68	40	46,5	47	3	SSE 1	

OBSERVATIONS *on the* DISEASES in December 1793.

THE smallpox continued to prevail very much in the beginning of the month, but in a much milder form; the pustules were in general distinct, and though the weather was warm for the season of the year, yet the putrid and malignant symptoms had nearly disappeared: toward the latter part of the month, it became much less frequent. All the diseases of the last month had a putrid tendency, which was not the case in this: quite at its close truly inflammatory diseases began to occur, such as pleurisies, with acute rheumatism; rheumatic affections were indeed common in the early part of the month, but they were unaccompanied with fever, and were more generally confined to the head and face: warmth, with the application of blisters behind the ears, proved in general the best remedies. Apoplexies were rather frequent, and likewise paralytic affections, which proved in many instances fatal to such as were advanced in years, or who had been subject to former attacks. The scarlet fever was still occasionally met with, as were the measles, but both were very mild, and required little assistance from medicine. Asthmatic people began to feel the change of the season; and persons in general labouring under diseases of the lungs, experienced an aggravation of all their symptoms.

General Observations.

ON the whole this has proved a healthy year; no epidemic marked with any particular malignity has prevailed, unless we except the smallpox, which in two or three of the latter months prevailed much, and was rather more than commonly mortal. Scarlet fever has been common in the adjacent villages, but in the metropolis it has not been particularly frequent, nor by any means fatal. Toward the end of the year, all the diseases which prevailed had a putrid tendency.

Greatest, Least, and Mean State of the BAROMETER, THERMOMETER, and HYGROMETER, in the Year 1793.

1793	Barometer.			Thermometer out.			Thermometer in.			Hygrometer.		
	Great.	Least	Mean	Great.	Least	Mean	Great.	Least	Mean	Great.	Least	Mean
Jan.	30,55	29,01	30,04	49	29	39	51,5	40,5	45,5	60	49	54
Feb.	30,25	29,34	29,84	52,5	32	42,5	53	43	48,5	55,5	47	50,5
Mar.	30,23	29,09	29,88	52,5	32	42	55	42	48,5	62	41,5	48,5
Apr.	30,32	29,29	29,92	58,5	33	45,5	57,5	44	50,5	57,5	39,5	46,5
May	30,32	29,17	30,02	69	44	54,5	64,5	52	57	53	34,5	45
June	30,23	29,72	29,99	71	48,5	59	66	54,5	61	52,5	32	44
July	30,34	29,77	29,91	87	55	67	78,5	60	69,5	52	35	44
Aug.	30,32	29,39	29,98	78	51,5	63	72	58	66	51,5	39	45,5
Sept.	30,49	29,45	30,05	66	42,5	55,5	66,5	55	51,5	57,5	39,5	48,5
Oct.	30,50	29,27	30,02	64,5	37	55,5	66,5	49,5	60	62,5	46	51
Nov.	30,37	29,11	29,81	55	33,5	46,5	57	44	52,5	70,5	47	54
Dec.	30,37	28,76	29,72	56	31,5	45,5	58,5	42	50,5	65	46,5	53
Whole Year.	30,55	28,76	29,93	87	29	51,5	78,5	40,5	56	70,5	32	48,5

THE END.

